

SEQUENCE LISTING

<110> David J. Glass

<120> ION CHANNEL RECEPTOR AND USES THEREOF

<130> REG 860A

<140> Not Yet Known

<141> Filed Herewith

<150> 60/397,290

<151> 2003-07-19

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1837

<212> DNA

<213> human

<400> 1

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1837

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 <212> DNA
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 <211> 381
 <212> PRT
 <213> mouse

<400> 4
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 35 40 45
 Gly Gly Gly Ala Ser Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ser
 50 55 60
 Gly Ala Leu Leu Gly Ala Tyr Leu Glu Arg His Gly Leu Pro Ala Ala
 65 70 75 80
 Ser Asp Leu Pro Ala Pro Ala Gly Ala Leu Ala Gly Gly Pro Gly Ser
 85 90 95
 Gly Gly Gly Val Val Val Gly Val Ala Glu Val Arg Asn Trp Arg Cys
 100 105 110
 Cys Cys Leu Gly Ser Thr Cys Trp Cys Arg Ser Leu Val Leu Val Cys
 115 120 125
 Val Leu Ala Ala Leu Cys Phe Ala Ser Leu Ala Leu Val Arg Arg Tyr
 130 135 140
 Leu Gln His Leu Leu Leu Trp Val Glu Ser Leu Asp Ser Leu Leu Gly
 145 150 155 160
 Val Leu Leu Phe Val Val Gly Phe Ile Val Val Ser Phe Pro Cys Gly
 165 170 175
 Trp Gly Tyr Ile Val Leu Asn Val Ala Ala Gly Tyr Leu Tyr Gly Phe
 180 185 190
 Val Leu Gly Met Gly Leu Met Val Val Gly Val Leu Ile Gly Thr Phe
 195 200 205
 Ile Ala His Val Val Cys Lys Arg Leu Leu Thr Ala Trp Val Ala Ala
 210 215 220

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Ile	Ser	Ile	Gly	Leu	Met	Phe	Tyr	Val	Val	His	Arg	Ala	Gln	Val	Glu
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Val	Lys	Gly	Asn	Gln	Ser	Asp	Pro	Ser	Gly	Ser	Ser	Phe	Tyr	Asn	Lys
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